

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014103.D
 Acq On : 25 Mar 2021 11:58
 Operator : CG/JU
 Sample : M1788-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20210322

Quant Time: Mar 25 12:27:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

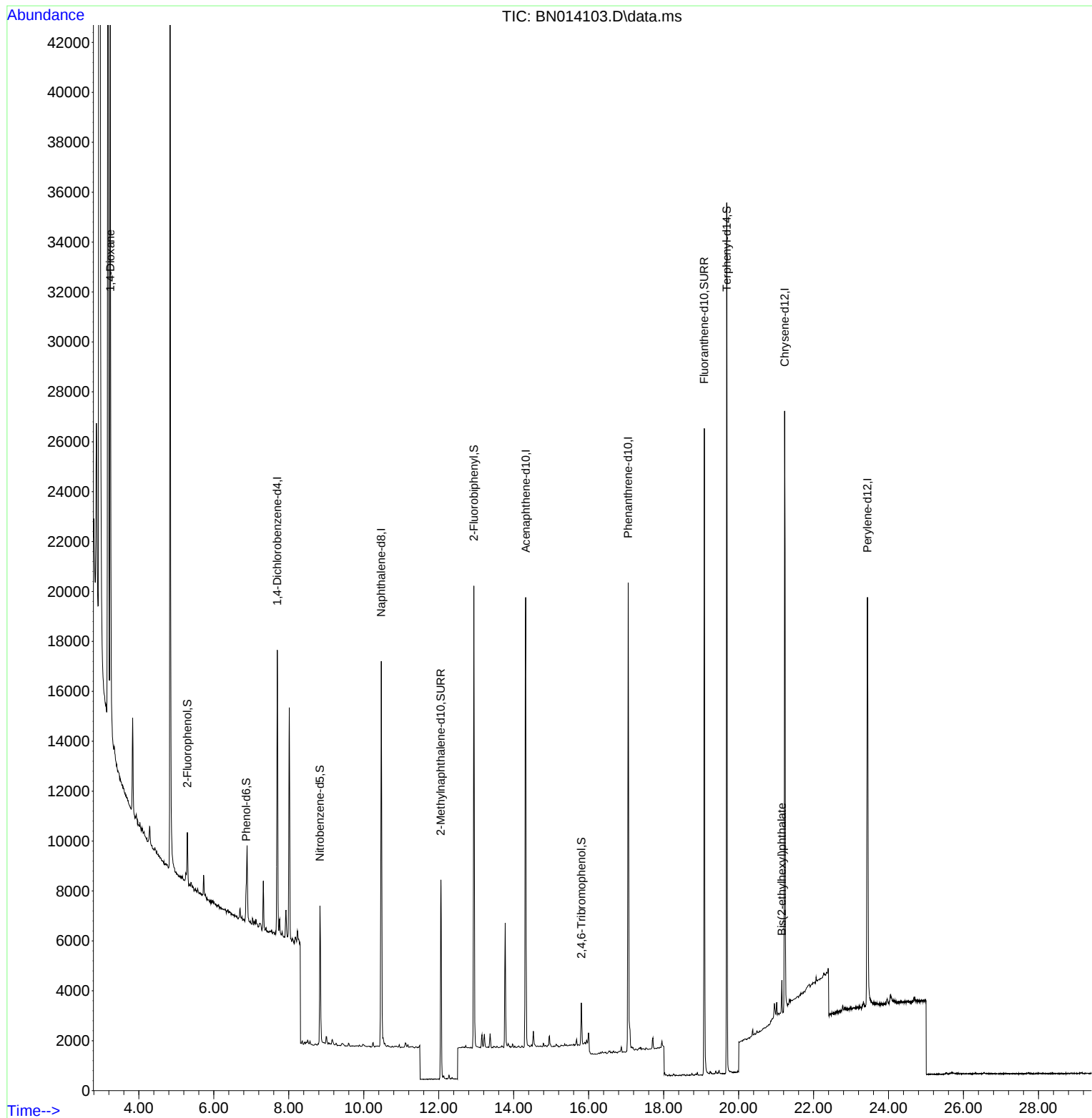
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5235	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20023	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	11403	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	24600	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	24130	0.40	ng	-0.01
36) Perylene-d12	23.438	264	22759	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1545	0.13	ng	0.00
5) Phenol-d6	6.863	99	1059	0.07	ng	0.00
8) Nitrobenzene-d5	8.832	82	4685	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.057	152	10889	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1216	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	15512	0.36	ng	-0.01
27) Fluoranthene-d10	19.084	212	29272	0.43	ng	0.00
31) Terphenyl-d14	19.685	244	33437	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	19687	2.85	ng	96
34) Bis(2-ethylhexyl)phtha...	21.154	149	1304	0.05	ng	# 95

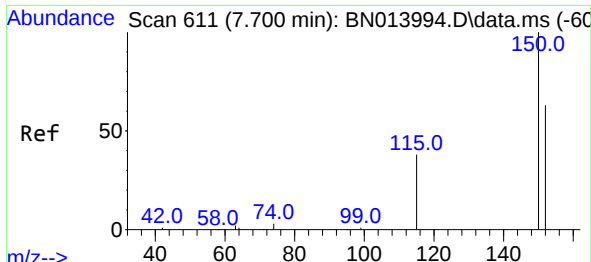
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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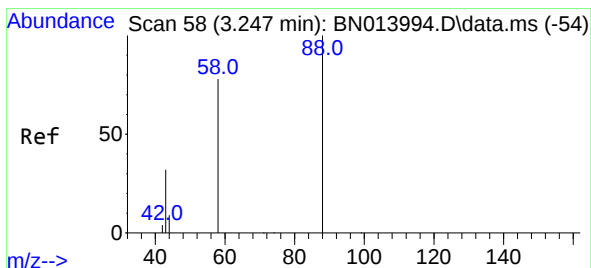
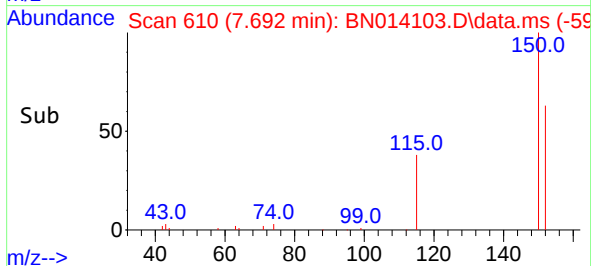
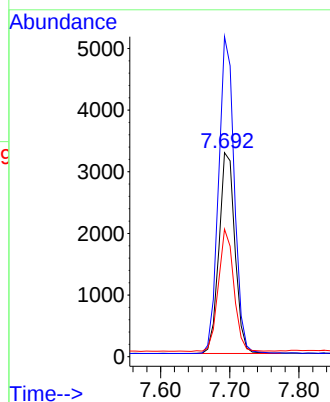
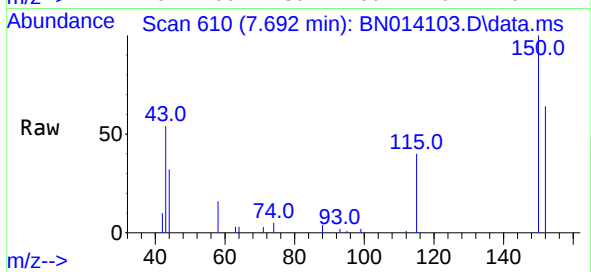


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. -0.008 min
 Lab File: BN014103.D
 Acq: 25 Mar 2021 11:58

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20210322

Tgt Ion: 152 Resp: 5235

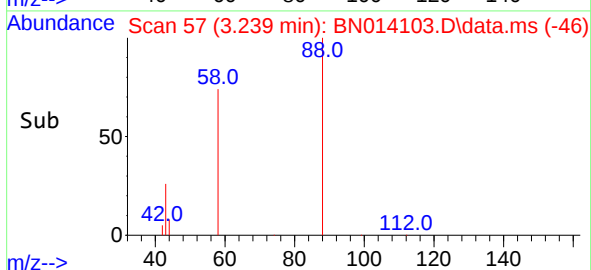
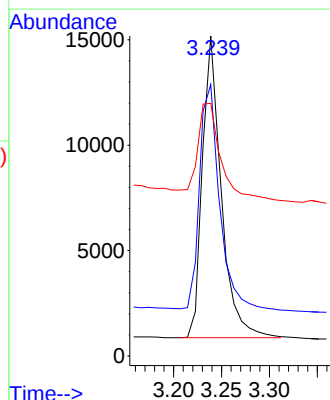
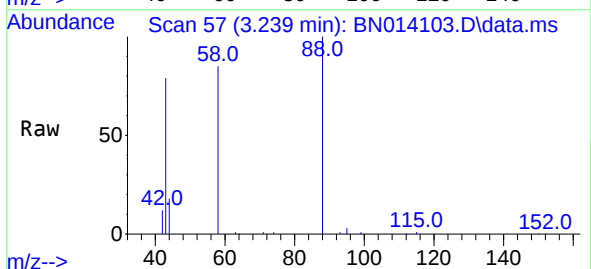
Ion	Ratio	Lower	Upper
152	100		
150	156.8	121.8	182.8
115	62.5	46.6	69.8

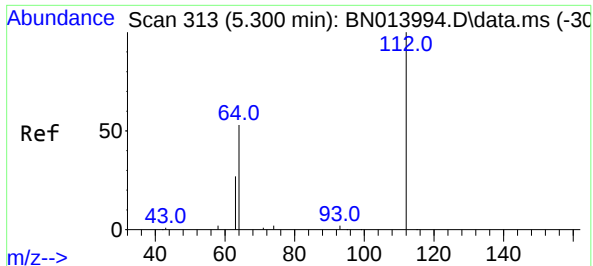


#2
 1,4-Dioxane
 Concen: 2.85 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014103.D
 Acq: 25 Mar 2021 11:58

Tgt Ion: 88 Resp: 19687

Ion	Ratio	Lower	Upper
88	100		
58	79.5	64.6	96.8
43	39.9	26.6	40.0

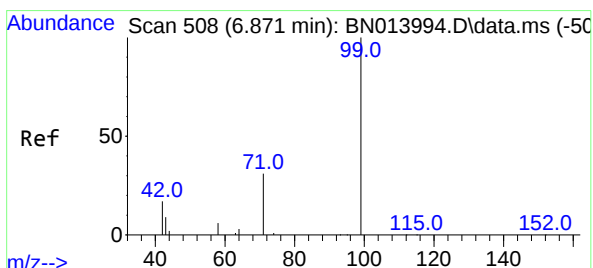
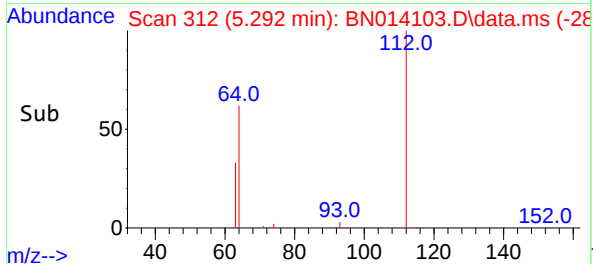
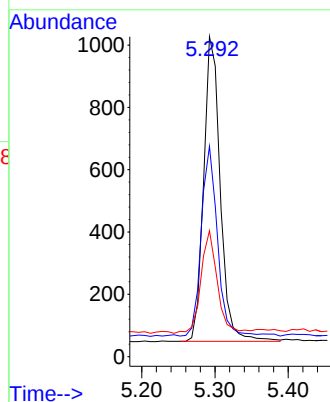
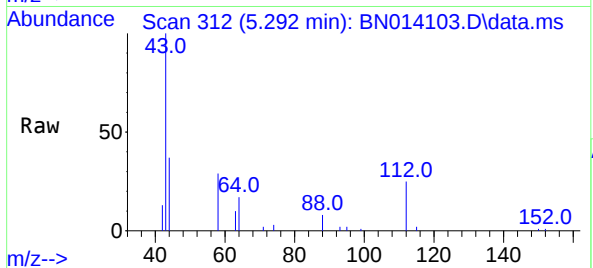




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

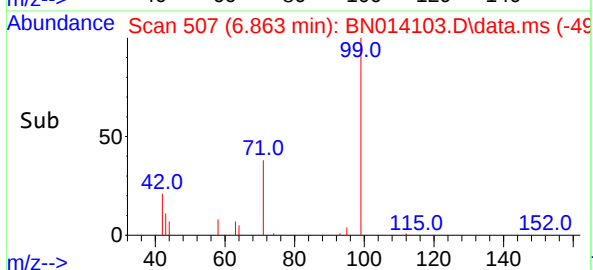
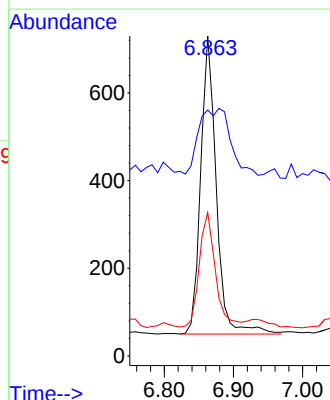
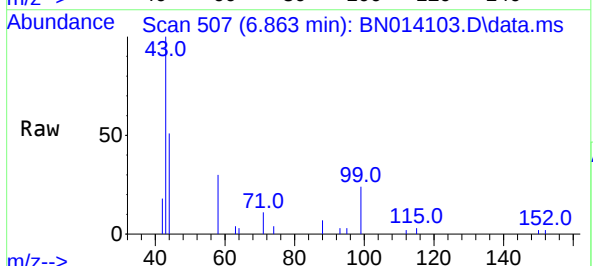
Instrument :
BNA_N
ClientSampleId :
RE108D1-20210322

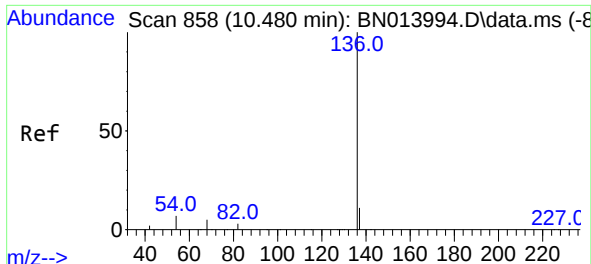
Tgt Ion:	112	Resp:	1545
Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.3	66.5
63	33.2	23.0	34.6



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

Tgt Ion:	99	Resp:	1059
Ion	Ratio	Lower	Upper
99	100		
42	45.5	15.2	22.8#
71	40.5	26.1	39.1#

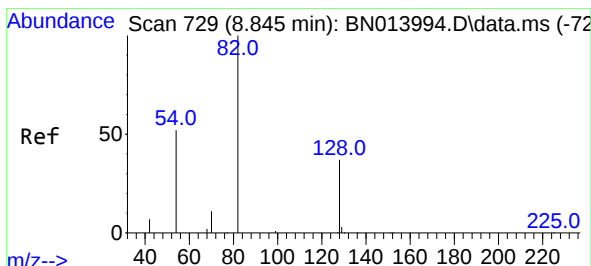
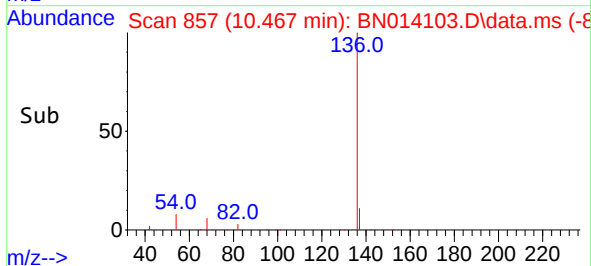
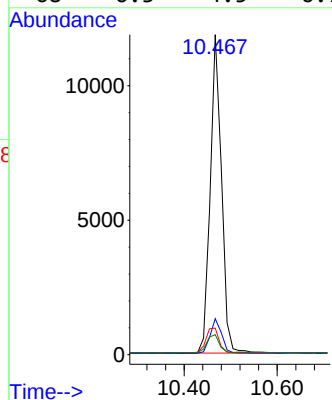
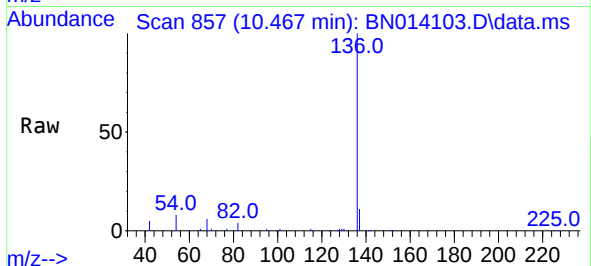




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

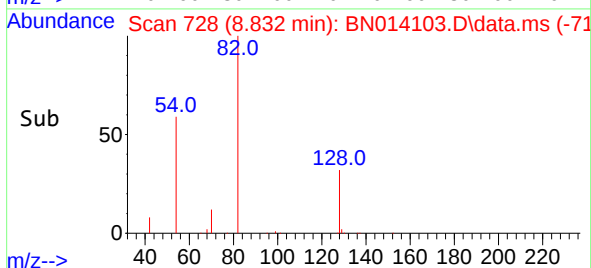
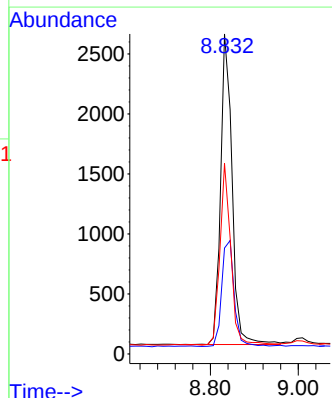
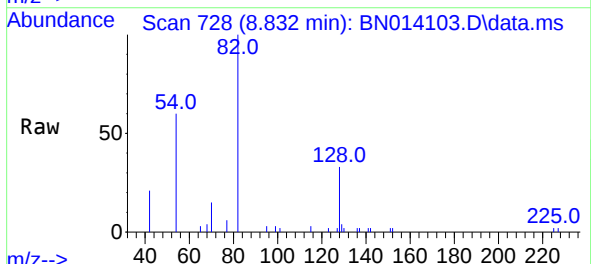
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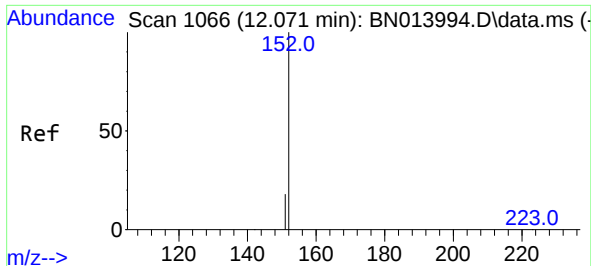
Tgt Ion:	136	Resp:	20023
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	8.3	6.4	9.6
68	6.3	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

Tgt Ion:	82	Resp:	4685
Ion Ratio	Lower	Upper	
82	100		
128	33.1	39.2	58.8#
54	59.5	40.1	60.1

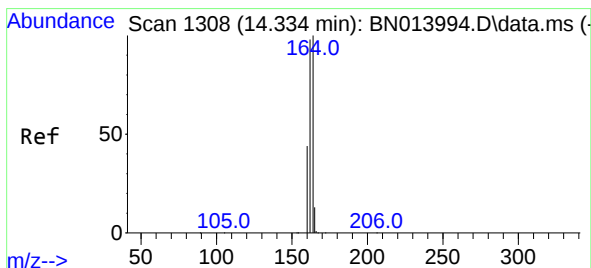
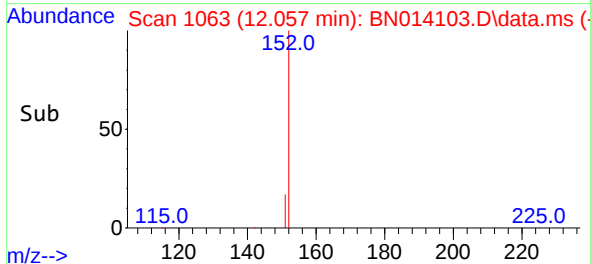
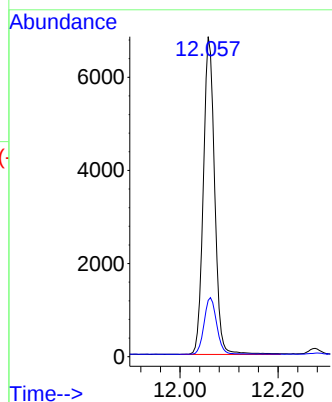
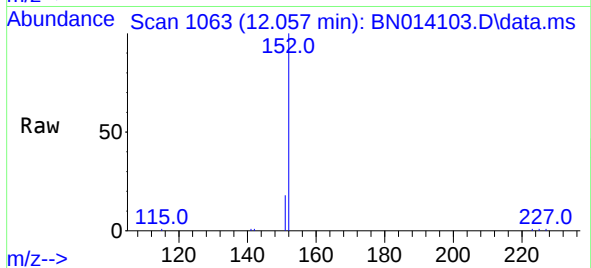




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.008 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

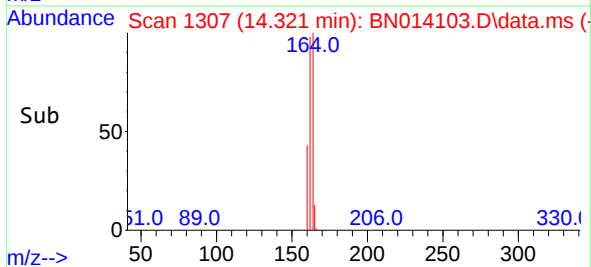
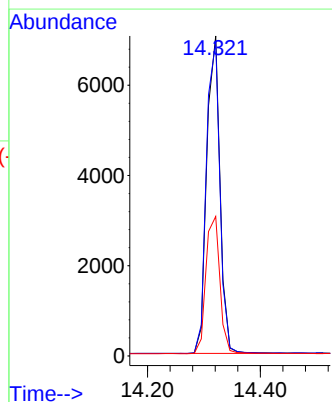
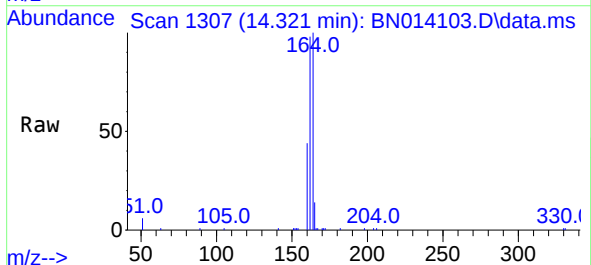
Instrument :
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ClientSampleId :
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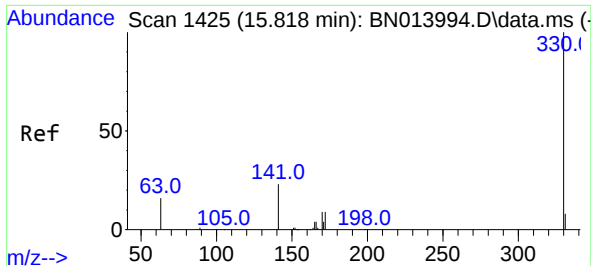
Tgt Ion:152 Resp: 10889
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

Tgt Ion:164 Resp: 11403
Ion Ratio Lower Upper
164 100
162 98.2 79.6 119.4
160 43.6 36.0 54.0

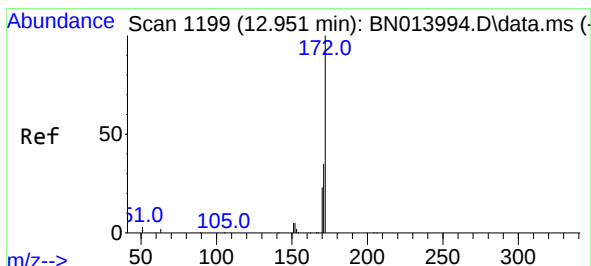
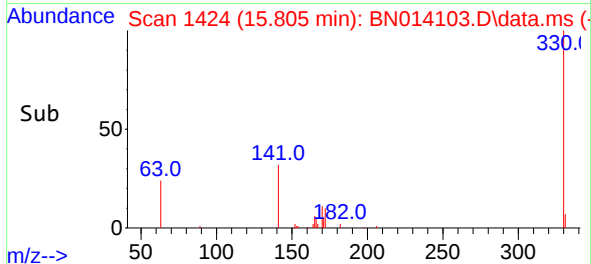
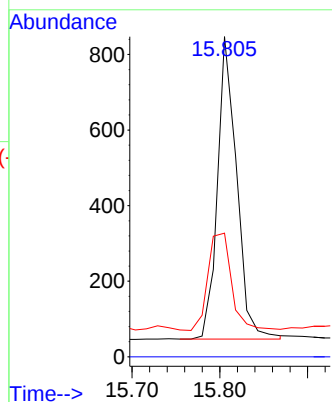
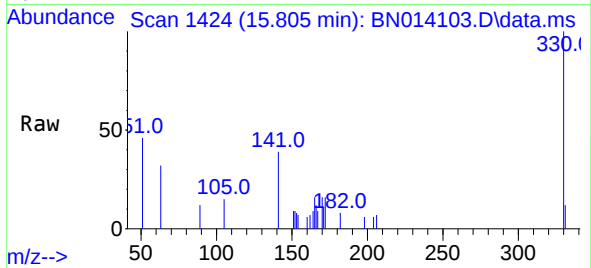




#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

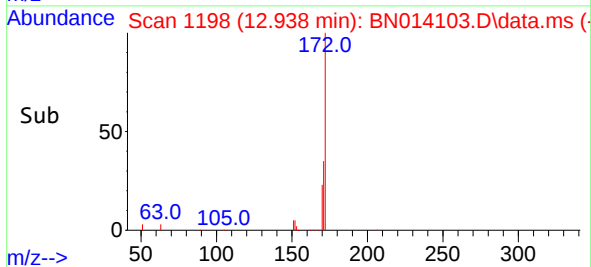
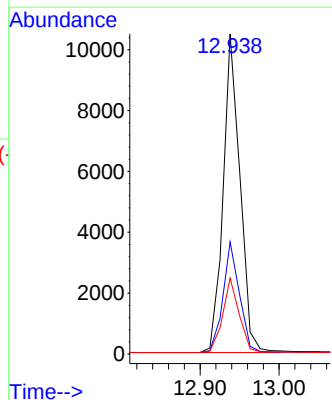
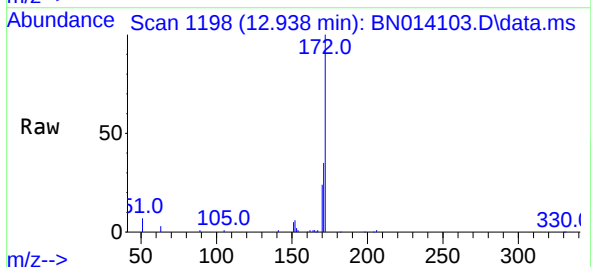
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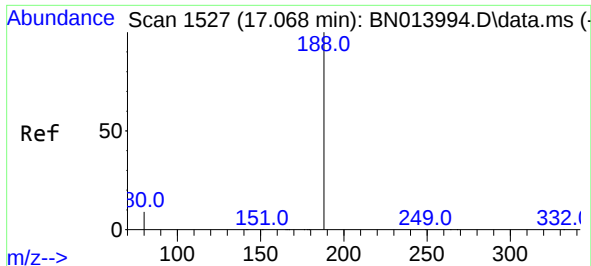
Tgt Ion:330 Resp: 1216
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.0 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

Tgt Ion:172 Resp: 15512
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.7 18.9 28.3

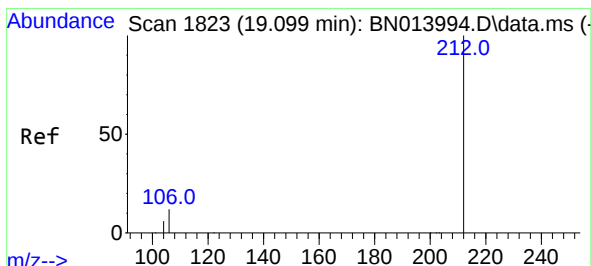
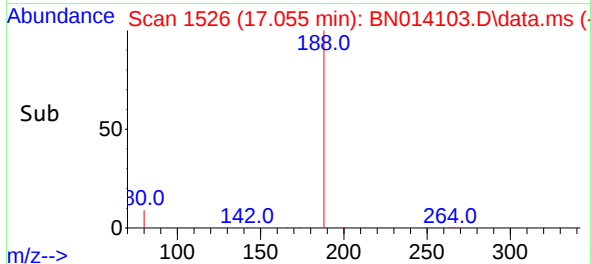
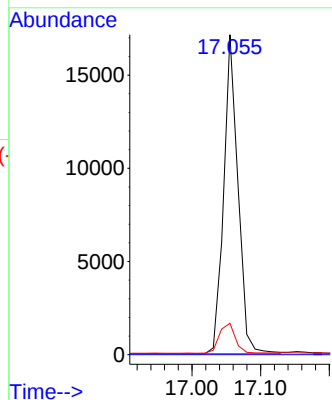
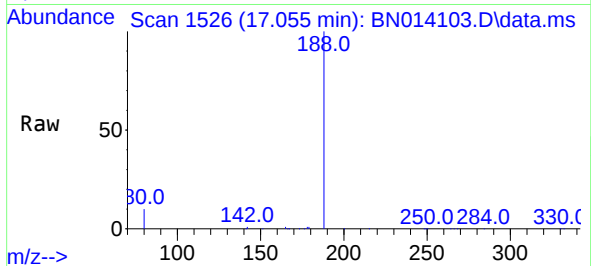




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

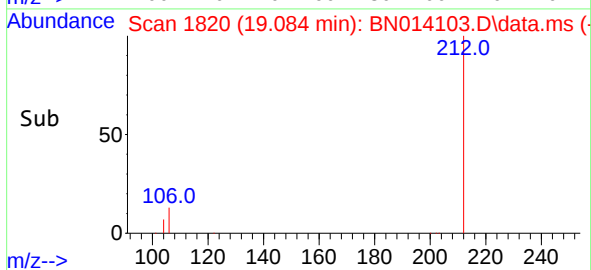
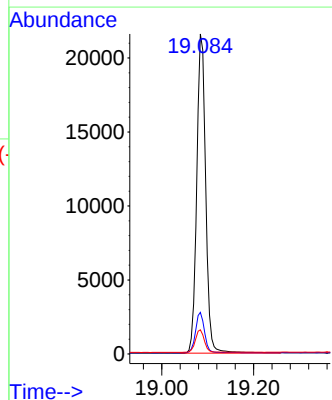
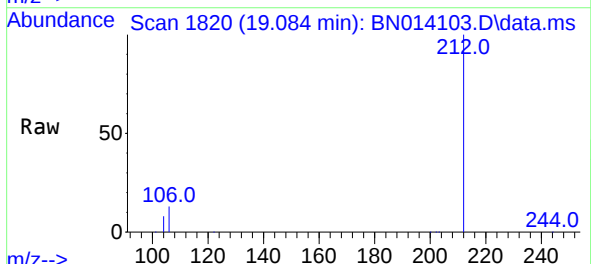
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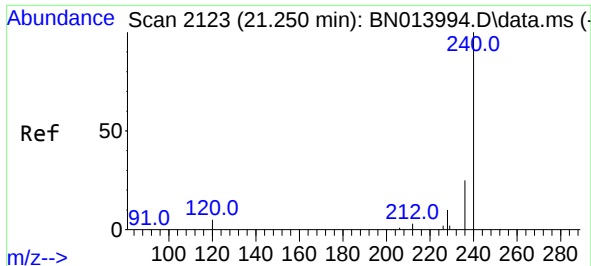
Tgt Ion:188 Resp: 24600
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.084 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

Tgt Ion:212 Resp: 29272
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 7.1 5.5 8.3

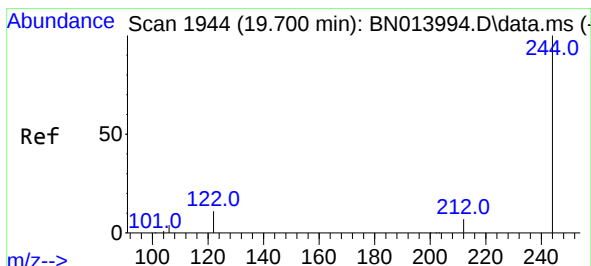
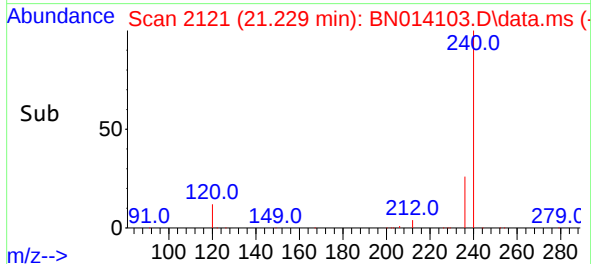
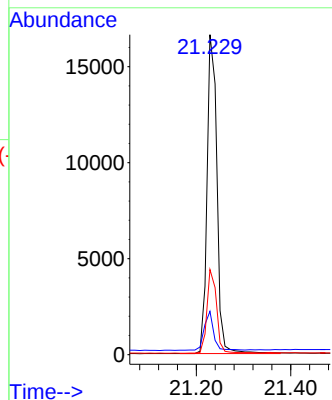
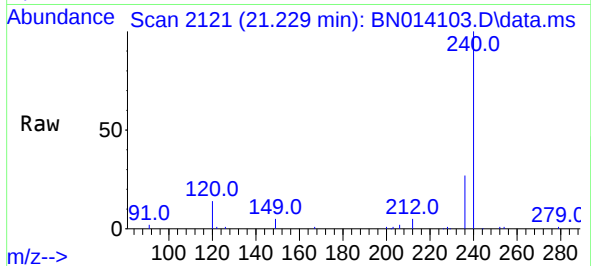




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

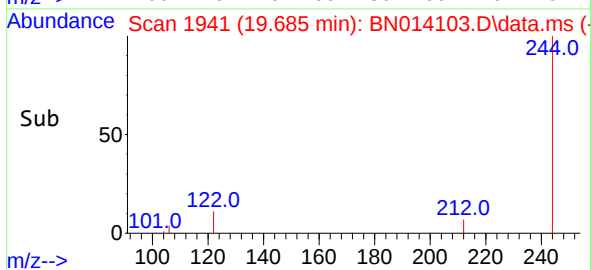
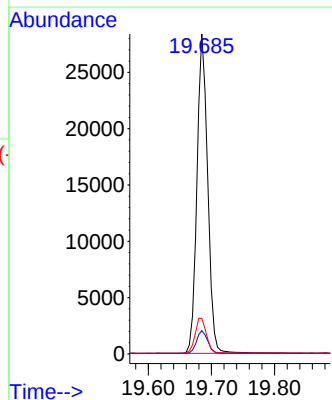
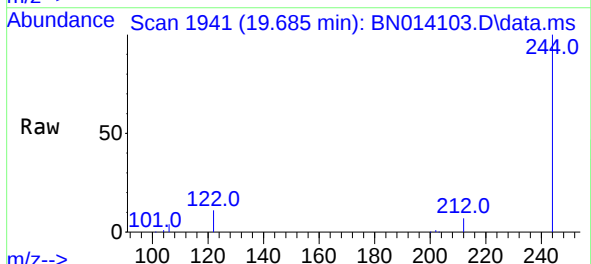
Instrument :
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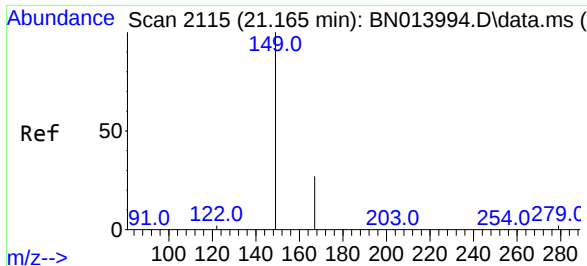
Tgt Ion:240 Resp: 24130
Ion Ratio Lower Upper
240 100
120 13.5 10.2 15.4
236 26.6 21.3 31.9



#31
Terphenyl-d14
Concen: 0.63 ng
RT: 19.685 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

Tgt Ion:244 Resp: 33437
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 11.2 9.8 14.8

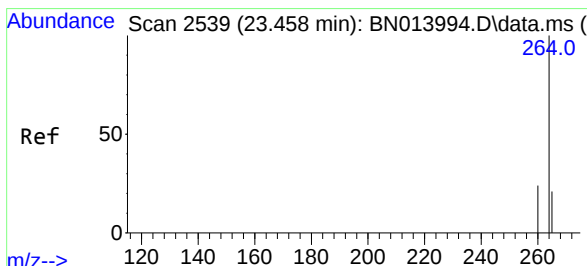
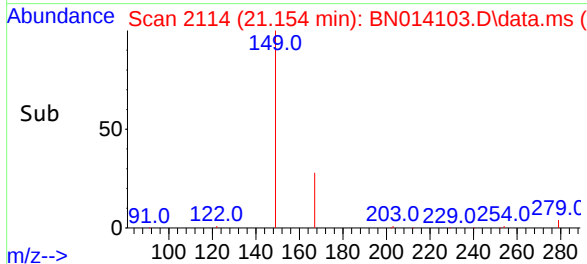
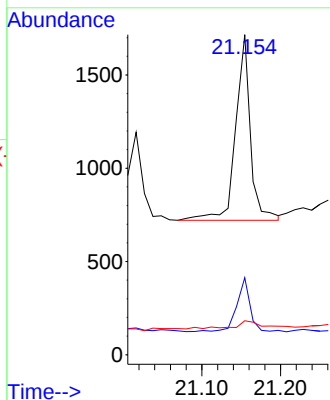
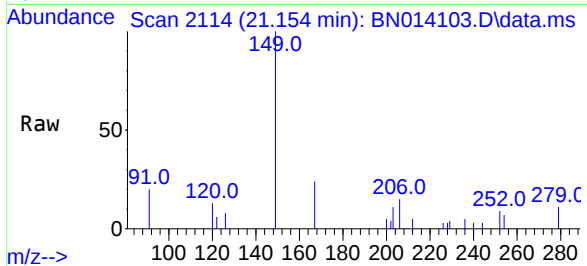




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

Instrument :
BNA_N
ClientSampleId :
RE108D1-20210322

Tgt Ion:149 Resp: 1304
Ion Ratio Lower Upper
149 100
167 25.7 22.1 33.1
279 7.9 3.5 5.3#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.438 min Scan# 2533
Delta R.T. -0.010 min
Lab File: BN014103.D
Acq: 25 Mar 2021 11:58

Tgt Ion:264 Resp: 22759
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 35.4 66.2 99.4#

